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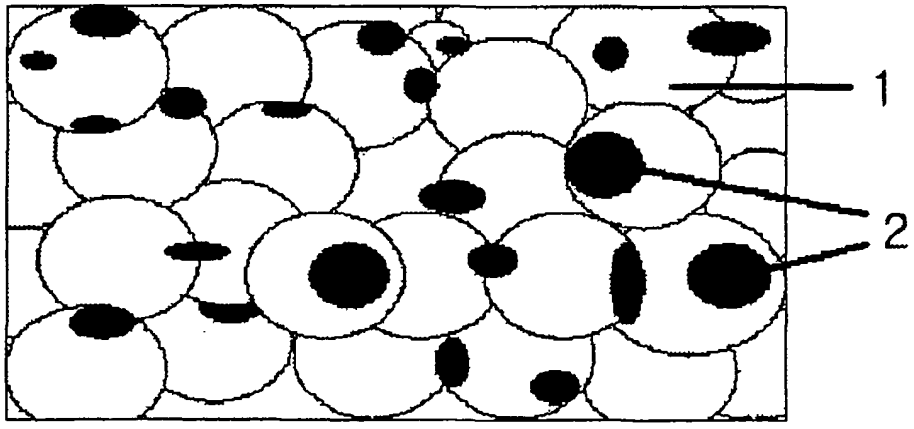
(54) Title: POLYURETHANE FOAM DRESSING FOR WOUND FILLER AND METHOD FOR MAN UFACTURING THEREOF



(57) Abstract: Disclosed is a polyurethane foam dressing for a wound filler, which includes a hydrophilic polyurethane foam including a plurality of open cells with a diameter of 50 to 400 μm and a plurality of pores with a diameter of 10 to 80 μm, and a method of manufacturing the same. The method includes mixing and agitating 40 to 75 wt% pre-polymer, 15 to 45 wt% foaming agent, 5 to 35 wt% crosslinking agent, and 0.5 to 15 wt% additive containing a surfactant, a moisturizing agent, and a pigment, injecting the resulting mixture into a mold, and foaming the resulting mixture injected into the mold. The foam dressing is advantageous in that it has relatively high moisture vapor transmission rate, absorptivity, and absorption rate. Additionally, after the foam dressing absorbs an exudate, its physical properties are rarely changed, thus it does not leave a portion thereof in the wound.

WO 2004/039421 A1